

I

The Urban District Council of Tredegar



Annual Report

of the

Medical Officer of Health

and

Senior Public Health Inspector

for the Year

1963

ANNUAL REPORT
OF THE
MEDICAL OFFICER of HEALTH

Dr. M. J. DONELAN, M.B., B.Ch., D.P.H.

I

Tredegar Urban District Council

Chairman (1963) : Councillor M. G. Jones, J.P.

Chairman (1963) : Public Health Committee : Councillor E. Hughes.

MEMBERS :

West Ward.

Councillor H. Davies
Councillor D. T. J. Richards
Councillor R. Williams

Central Ward.

Councillor W. A. Baines, B.E.M.
Councillor E. Jones, M.B.E., J.P.
Councillor B. Quick
Councillor G. T. Meredith

Georgetown Ward.

Councillor A. L. Coombes
Councillor H. R. Davies
Councillor J. B. McPherson
Councillor (Mrs.) I. Powell

Sirhowy Ward.

Councillor E. Hughes
Councillor T. James
Councillor D. Francis
Councillor M. G. Jones

PUBLIC HEALTH OFFICERS OF THE LOCAL AUTHORITY.

Medical Officer of Health :

Dr. M. J. Donelan, M.B., B.Ch., D.P.H.

Senior Public Health Inspector :

O. Griffiths, M.R.S.H.
Certificated Public Health Inspector. The Royal Sanitary Institute and Sanitary Inspectors Examination Joint Board, 1937.
Diploma of the Royal Institute of Public Health and Hygiene, 1938.
Certificated Inspector of Meat and Other Foods, The Royal Sanitary Institute, 1939.
Certificate of Food Hygiene, The Royal Sanitary Institute, 1939.

Second Public Health Inspector

K. O. Batten, C.R.S.H.,
Certificated Public Health Inspector, The Royal Sanitary Institute and Sanitary Inspectors Examination Joint Board, 1937.
Certificated Inspector of Meat and Other Foods, The Royal Sanitary Institute, 1939.

Clerks : Miss P. Thomas.

Miss J. Davies.

Cleansing Foreman : Mr. W. Bowen.

MEDICAL OFFICER'S REPORT.

Bedwellty House,

TREDEGAR Mon.

July, 1964.

*To the Chairman and Members of the Tredegar Urban District Council.**Mr. Chairman, Ladies and Gentlemen,*

It is with much pleasure that I submit to you my Annual Report for the Year 1963, which has been drawn up on the lines indicated in Circular 1/60 Wales, issued by the Welsh Board of Health.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area of district in acres	8,148
Population Estimated Mid-year	19,470
No. of inhabited Houses	5,737
No. of Persons per House	3.44
Rateable Value of District	£130,525
Product of a Id. Rate	£484
No. of Live Births	347
No. of illegitimate Births	13
No. of Still Births	13
Live Birth Rate	17.5
Still Birth Rate per 1,000 Population	0.65
Still Birth Rate per 1,000 Total Births (Live and Still)	36.1
No. of Deaths of residents	248
No. of Births over Deaths	99
Death Rate per 1,000 population	12.4
No. of deaths under One Year	11
No. of Illegitimate Deaths under One Year	Nil.
Early Neo Natal Death Rate per 1,000 Live Births	8.6
Neo Natal Death Rate per 1,000 Live Births	14.4
Infantile Mortality Rate per 1,000 Live Births	31.7
Legitimate Infant Death Rate per 1,000 legitimate Live Births	32.9
Peri Natal Mortality Rate	44.4
Comparability Factor —Births	1
—Deaths	1.18
Average age at Death—Females	67.4
—Males	67.6
Number of Houses owned by the local authority (31.3.63)	1,623

EXTRACTS FROM VITAL STATISTICS FOR THE YEAR.
BIRTH RATE.

	<i>Males.</i>	<i>Females.</i>	<i>Total.</i>
Live Births (Legitimate)	169	165	334
(Illegitimate)	5	8	13
	<hr/>	<hr/>	<hr/>
	174	173	347
	<hr/>	<hr/>	<hr/>

This produces a Birth Rate of 17.5 per 1,000 population.

Previous Year's Rates are :—

19.1	..	1962	28.9	..	1918
18.1	..	1961	34.0	..	1915
18.2	..	1960	38.3	..	1914
16.14	..	1953	40.7	..	1910
17.82	..	1952	41.72	..	1909

The Birth Rate for the County as a whole is 19.32 and for England and Wales 18.2.

				Males	Females	Totals
Still Births	(Legitimate)	...	...	9	5	13
	(Illegitimate)	...	...	—	—	—
				<hr/>	<hr/>	<hr/>
				9	5	13
				<hr/>	<hr/>	<hr/>

This gives a rate per 1,000 population of .65.

The Rate for the County is .44 and for England and Wales .32.

The Still Birth Rate per 1,000 total births (Live and Still) is 36.1.

For the County this figure is 23.42, and for England and Wales as a whole the figure is 17.3.

Values for previous years are as follows :—

1962	..	..	..	..	30.68
1960	..	..	..	..	26.30
1956	..	..	..	..	42.61

DEATH RATE.

After correction for inward and outward transfers the number of deaths during 1963 was :—

Males.	Females.	Total.
125	123	248

Giving a Death Rate for 1963 of 12.4 per 1,000 population. The rate for the County is 13.67 and for England and Wales 12.2.

Figures for previous years are as follows :—

1962	..	..	..	13.6	1944	..	..	..	11.54
1946	..	..	..	11.77	1914	..	..	..	17.9
1930	..	..	..	10.37	1901	..	..	..	19.33

MATERNAL DEATH RATE.

There were no maternal deaths in the district during the year.

The rate for 1963 per 1,000 (live and still) births is as follows :—

Mon. Admins. County	...	...	...	Nil.
TREDEGAR U.D.	...	...	...	Nil.

No maternal deaths has been recorded in the district over the past eleven years.

INFANTILE DEATH RATE.

Deaths of infants under one week :

	<i>Males</i>	<i>Females</i>	<i>Totals</i>	
Legitimate	1	2	3	} Total 3
Illegitimate	—	—	—	

Deaths of infants under four weeks :

	<i>Males</i>	<i>Females</i>	<i>Total</i>	
Legitimate	... 2	3	5	} Total 5
Illegitimate	... —	—	—	

Deaths of infants under one year :—

	<i>Males</i>	<i>Females</i>	<i>Total,</i>	
Legitimate	... 3	8	11	} 11
Illegitimate	... —	—	—	

EARLY NEO NATAL DEATH RATE.

Deaths under one week of age per 1,000 live births :—

Tredegar	.. ..	8.6
County	.. ..	13.24

NEO NATAL DEATH RATE.

Deaths under four weeks of age per 1,000 live births :—

Tredegar	.. ..	14.4
County	.. ..	17.10

INFANT MORTALITY RATE.

Deaths under one year of age per 1,000 live births :—

Tredegar	.. ..	31.7
County	.. ..	25.57
England and Wales	.. ..	20.9

ILLEGITIMATE INFANT DEATH RATE.

Deaths of illegitimate infants under one year per 1,000 legitimate live births :—

Tredegar	.. ..	Nil.
County	.. ..	22.22

LEGITIMATE INFANT DEATH RATE.

Deaths of legitimate infants under one year per 1,000 legitimate live births :—

Tredegar	.. ..	32.90
County	.. ..	25.72

PERI NATAL MORTALITY RATE.

Deaths of infants under one week plus still births per 1,000 total live and still births :—

Tredegar	.. ..	44.4
County	.. ..	35.82

AVERAGE AGE AT DEATH.

Males	.. ..	67.6 years
Females	.. ..	67.4 years

NOTIFIABLE DISEASES.

The following diseases were notified during the year :

DISEASE	AGE GROUPS										
	Under 1	1	2	3	4	5—9	10—14	15—24	25—44	45—64	65 & over
Scarlet Fever	—	—	—	—	—	—	1	—	—	—	—
Whooping Cough	—	—	—	—	—	—	—	—	—	—	—
Measles	—	—	3	—	4	4	—	—	—	—	—
Acute Poliomyelitis Para. ...	—	—	—	—	—	—	—	—	—	—	—
Non-Para.	—	—	—	—	—	—	—	—	—	—	—
T.B. Respiratory	—	—	—	—	—	—	—	—	2	3	1
Meninges and C.N.S.	—	—	—	—	—	—	—	—	—	—	—
Diphtheria	—	—	—	—	—	—	—	—	—	—	—
Smallpox	—	—	—	—	—	—	—	—	—	—	—
T.B. Other forms	—	—	—	—	—	—	—	—	—	—	1
Meningococcal infection ...	—	—	—	—	—	—	—	—	—	—	—
Acute Encephalitis infective ...	—	—	—	—	—	—	—	—	—	—	—
Post-infectious	—	—	—	—	—	—	—	—	—	—	—
Dysentery	—	—	—	—	—	—	—	—	—	—	—
Ophthalmia Neonatorum ...	—	—	—	—	—	—	—	—	—	—	—
Puerperal Pyrexia	—	—	—	—	—	—	—	—	—	—	—
Acute Pneumonia	—	—	—	—	—	—	—	—	—	—	—
Paratyphoid fever	—	—	—	—	—	—	—	—	—	—	—
Typhoid fever	—	—	—	—	—	—	—	—	—	—	—
Food Poisoning	—	—	—	—	—	1	2	—	—	—	—
Erysipelas	—	—	—	—	—	—	—	—	—	—	—
TOTALS	—	—	3	—	4	5	3	—	2	3	2

TUBERCULOSIS

The state of the Tuberculosis Register for the district at the commencement and at the close of 1963 was as follows :

	Males.		Females.		Total
	<i>Pul.</i>	<i>Non-Pul.</i>	<i>Pul.</i>	<i>Non-Pul.</i>	
1st Jan., 1963 ...	94	67	131	43	335
31st Dec., 1963 ...	91	67	121	44	323

New Cases Notified :—

Pulmonary	6
Non-Pulmonary	1

Deaths Due to Tuberculosis :—

Pulmonary	1
Non-Pulmonary	0

Admission to (Form I) and Discharge from (Form II) institutions during the year are as follows :—

	Males		Females	
	<i>Pulmonary</i>	<i>Non-Pulmonary</i>	<i>Pulmonary</i>	<i>Non-P'monary</i>
Form I— Admissions	4	1	3	1
Form II— Discharges ..	6	1	1	1

TUBERCULOSIS. NEW CASES.

Age Groups	Males		Females	
	<i>Pulmonary</i>	<i>Non-Pulmonary</i>	<i>Pulmonary</i>	<i>Non-P'monary</i>
0—5 ..	—	—	—	—
6—14 ..	—	—	—	—
15—24 ..	—	—	—	—
25—44 ..	2	—	1	—
45—64 ..	2	—	—	—
65 and over ..	—	—	1	1

		AGE GROUPS											Total
		4 wks.	4 wks to 1 yr.	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 and over	
Tuberculosis Resp't'y	M.	—	—	—	—	—	—	—	—	—	1	—	1
	F.	—	—	—	—	—	—	—	—	—	—	—	—
Malignant Neoplasm Stomach	M.	—	—	—	—	—	—	—	—	2	1	1	4
	F.	—	—	—	—	—	—	—	—	1	1	2	4
do. Lung or M. Bronchus	M.	—	—	—	—	—	—	—	—	2	3	—	5
	F.	—	—	—	—	—	—	—	—	—	—	—	—
do. Uterus	F.	—	—	—	—	—	—	—	—	—	1	—	1
Other Malignancies	M.	—	—	—	—	—	—	—	1	1	1	5	8
	F.	—	—	—	—	—	—	—	3	4	1	3	11
Vascular lesions of nervous system	M.	—	—	—	—	—	—	—	2	1	5	6	14
	F.	—	—	—	—	—	—	—	1	4	7	13	25
Coronary disease, angina	M.	—	—	—	—	—	—	—	4	8	12	8	32
	F.	—	—	—	—	—	—	—	—	5	10	11	26
Hypertension with heart disease	M.	—	—	—	—	—	—	—	—	—	—	3	3
	F.	—	—	—	—	—	—	—	—	—	4	2	6
OTHER HEART DISEASE	M.	—	—	—	—	—	1	1	1	1	4	8	16
	F.	—	—	—	—	—	—	—	—	1	2	9	12
Other circulatory disease	M.	—	—	—	—	—	—	—	—	—	—	3	3
	F.	—	—	—	—	—	—	—	1	—	1	3	5
Pneumonia ...	M.	—	—	—	—	—	—	—	—	1	—	1	2
	F.	1	2	—	—	—	—	—	—	—	1	1	5
Bronchitis ...	M.	—	—	—	—	—	—	—	—	6	5	4	15
	F.	—	—	—	—	—	—	—	—	—	—	2	2
Other diseases of Respiratory system	M.	—	—	—	—	—	—	—	2	2	4	1	9
	F.	—	—	—	—	—	—	—	—	—	—	—	—
Hyperplasia of Prostat	M	—	—	—	—	—	—	—	—	—	—	2	2
Other defined and ill-defined diseases	M	2	1	—	—	—	—	—	1	1	1	1	7
	F.	2	3	1	1	—	—	—	—	3	1	5	16
Motor Vehicle accidents	M	—	—	—	—	1	—	—	—	—	—	—	1
	F.	—	—	—	—	—	—	—	—	—	—	—	—
All other accidents	M.	—	—	—	—	—	—	—	1	1	1	—	3
	F.	—	—	—	—	—	—	—	—	—	3	4	7
Suicide ...	M.	—	—	—	—	—	—	—	—	—	—	—	—
	F.	—	—	—	—	—	—	—	—	1	2	—	3
TOTALS		5	6	1	1	1	1	1	17	45	72	98	248

VACCINATIONS.

Smallpox Vaccinations, 1963	..	..	..	..	39
Smallpox Revaccinations, 1963	..	..	..	..	21
Anti-Polio Injections including oral, 1963			..	..	444

In conclusion, I again take the opportunity to express my appreciation of the continued and willing support of the Council and the loyal service rendered the Department by the Officers and all the members of the staff through the year.

I am, Ladies and Gentlemen,

Yours faithfully,

M. J. DONELAN, M.B., B.Ch., D.P.H.

REPORT
OF THE
SENIOR PUBLIC HEALTH
INSPECTOR

O. GRIFFITHS, M.R.S.H.

II

PUBLIC HEALTH INSPECTOR'S REPORT.

Public Health Department,

Bedwellty House,

TREDEGAR, Mon.

July, 1964

To the Chairman and Members of the Tredegar Urban District Council.

Mr. Chairman, Ladies and Gentlemen,

I have pleasure in submitting to you my Report for the year 1963.

SANITARY CIRCUMSTANCES IN THE AREA.

Section I. WATER SUPPLY.

The main source of supply is the Shon Sheffreys Reservoir which is fed by surface water and a large spring. The Reservoir has a capacity of 77,000,000 gallons with a top water level of 1,202' above m.s.l. A smaller source of supply is in the south at Georgetown Reservoir which holds 22,000,000 gallons at a top water level of 1,234-ft. above m.s.l. Water is taken to a storage tank nearby (1,200,000 gallons) and then treated.

The yield from the Shon Sheffreys Spring and Reservoir is 1,300,000 gallons daily and from the Georgetown Reservoir 190,000 gallons, giving a total of 1,490,000 gallons of water daily.

The Undertaking supplies water in bulk to Bedwellty and Rhymney (Llechryd).

All water is filtered and chlorinated before passing with the distribution network.

The average consumption of water per day per person is 67 gallons. This figure is high but includes all lost water due to leaks.

Total Water Filtered :	Nantybwch	490,370,000 gallons
	Georgetown	122,031,000 gallons
Bulk Supplies to :	Rhymney	1,390,000 gallons
	Bedwellty	120,213,000 gallons

BACTERIOLOGICAL EXAMINATION OF WATER SUPPLIES.

	Satisfactory.		Unsatisfactory.		Total
	Raw	Treated	Raw	Treated	
TREDEGAR U.D.	Nil.	34	30	Nil.	64

CLIMATOLOGICAL STATION.

Latitude	...	...	...	...	...	...	51° 46' North.
Longitude	...	...	...	...	...	...	3° 22' West.
Height above m.s.l.	...	...	...	...	...	...	1028 feet.
Grid Reference	...	...	...	...	...	...	S.O.14130868
Air Ministry Ref. No. (M.O.)	...	...	...	...	...	...	4007/5.

The Council embarked on this scientific work in January, 1949, and observations were commenced in January, 1950. The main difficulty was in siting the instruments satisfactorily, but in June, 1951, an ideal site was obtained in the swimming bath enclosure and the equipment was set up here towards the end of 1951. The station was inspected by a Meteorological Officer of the Air Ministry in the following month.

All the instruments are of standard design and carry certificates of correction by the National Physical Laboratory or the Meteorological Office. Observations of maximum and minimum temperature, wet and dry bulb temperature, humidity, vapour pressure, dew point, grass minimum temperature, rainfall, barometric pressure and sunshine are taken daily throughout the year at 09.00 hours, G.M.T.

All temperatures, except grass minimum, are taken from thermometers exposed in Stevensons Screens standing 4 feet above a grass plot, and are expressed in degrees F. Pressure readings are expressed in millibars and the readings are corrected for temperature, height above m.s.l. latitude and index Error.

The two station barometers are Kew Types, Marks I & II. The standard temperature of the Mark I is 285°A and the value of gravity is 980.62 CM/Sec².

The Standard Temperature of the Mark II is 0°C. with a standard value of Gravity of 980.665 CM/Sec². Each carries its own correction card, for 52° N. Latitude and 973.25 Ft. Altitude. The Altitude is measured from the base of the mercury cistern. Rainfall is measured in inches and collected in a standard 5-inch raingauge.

Instruments in use at present consist of :—

Maximum Thermometer, sheathed	...	...	No. M.O.24249/58
Minimum Thermometer, sheathed	...	...	No. M.O.33775/57
Wet Bulb Thermometer, Glass sheathed	...	...	No. M.O.72135/42
Dry Bulb Thermometer, Glass sheathed	...	...	No. M.O.72634/45
Grass Minimum Thermometer, Glass sheathed	...	...	No. M.O.33511/58
Kew pattern Station Barometer Mk. I	...	...	No. 3412/49
M.O. pattern Thermograph	...	...	No. M.O.1384/50
M.O. pattern Hygrograph	...	...	No. M.O.954/45
M.O. pattern Open Scale Barograph	...	...	No. M.O. 146/44
B.R.O. pattern 5-inch Raingauge	...	...	No. M.O.7093/58
M.O. pattern-taper measure	...	...	No. M.O.13955/58
Campbell Stokes pattern Sunshine Recorder	...		
Bowl	...	No. M.O.367/50	
Sphere	...	No. M.O. 1988/58	
Dynes Tilting Syphon Rain Gauge	...	No. M.O. 651	
Direct Reading Anenometer Mk.IB.	...	M.O.200/44/50/51	
Remote Indicating Indicator	...	M.O. 9355/11	
Wind Vane	...	M.O. 1641/51	
Indicator	...	M.O. 2841	
Kew Pattern Station Barometer Mk. II	..	M.O. 3922/59	

Thermometers and autographic instruments housed in two-Standard Stevenson Screens.

Summaries of observations are published each month in the "Monthly Weather Report" and each year in the "General Table" of British Rainfall, both of the Air Ministry.

CLIMATOLOGICAL OBSERVATIONS 1963

	Temperatures			Mean Temps.			Rainfall		Days with Rain	Days with Snow	Nights with Ground Frost	Average Daily Sunshine
	Max.	Min.	Min. Grass	Day	Night	M'th	Total	Wettest Day				
JAN.	°F 38	°F 10	°F. 4	°F 30.2	°F 21.03	F 25.61	ins. 1.19	ins. .3	6	7	21	hrs. 2.27
FEB.	42	11	3	33.0	23.3	28.1	4.13	1.2	11	10	26	3.11
MAR.	50	22	10	45.9	34.7	40.3	10.64	1.9	21	1	14	3.4
APR.	62	28	21	50.9	38.8	44.8	4.91	.8	17	1	9	3.5
MAY	73	34	26	55.3	41.8	48.5	3.47	.49	21	—	4	5.37
JUNE	76	43	36	63.8	49.7	56.7	3.93	.8	18	—	—	5.84
JULY	76	42	35	64.0	49.5	56.7	3.31	1.09	14	—	—	5.11
AUG.	73	42	35	60.9	49.5	55.2	3.79	.65	19	—	—	4.28
SEPT.	73	41	37	60.2	47.3	53.7	2.75	.65	18	—	—	4.35
OCT.	63	36	30	54.6	44.5	49.5	3.41	.45	19	—	1	1.67
NOV.	55	29	20	48.9	39.8	44.3	14.58	2.44	29	—	11	1.38
DEC.	48	19	9	38.8	31.2	35.0	2.29	.75	9	1	19	1.31
Totals	729	357	266	606.5	471.1	538.4	58.40	—	202	20	105	41.59
Means	60.7	29.7	22	50.5	39.2	44.8	4.86	—	—	—	—	3.46

Open Air Swimming Bath.

The Pool, which is situated in beautiful surroundings within Bedwellty Park, was opened in July 1932, at a total cost of £10,000. The Pool is constructed of 7-ft. reinforced concrete at the deep end and 5-ft. reinforced concrete at the shallow end with a 4-inch raft of plain concrete under the whole floor. Its length is 200 feet and 50 feet wide with a capacity of 257,000 gallons. It is 8-ft. 6-ins. at the deep end and 2-ft. 6-ins. at the shallow end.

The purification plant consists of two pressure filters 8-ft. in diameter by 10-ft. long. After being filtered the water is dosed with liquid chlorine.

Regular samples of water are taken and submitted to the Public Health Laboratory Service at Newport.

	1958	1959	1960	1961	1962	1963
Number of Bathers ...	19,840	38,841	36,621	29,881	17,835	20,857
Number of Spectators ...	2,205	7,213	3,103	2,950	2,950	1,998

Five samples of the water from the pool were obtained and all were found satisfactory.

Rivers and Streams.

The River Howy with a small number of tributaries traverses the district roughly from north to south. Its banks, however, are fouled by refuse of every possible description throughout its entire length. This in turn encourages the breeding of rats and it is almost the task of one man to keep the rat population of the river banks to a manageable level.

Closet Accommodation.

The whole of the area is well served by stoneware subsidiary sewers that connect to the main sewer situated in the bed of the river. Some outlying farms and dwellings, however, are not connected to any sewer or drain and make use of earth dug or chemical closets. Septic tanks are also in use in parts of the district.

Number of Pail Closets (Earth or Chemical)	..	..	36
Number of Septic Tanks	..	..	3

Section 2.

PUBLIC CLEANSING.

Refuse Collection and Disposal.

The service of refuse collection and disposal was seriously curtailed for some weeks at the beginning of the year by the severe weather. As a result, residents began storing their refuse in their gardens and the task of removing these accumulations when normal conditions returned was a huge one.

The tipping site at Brompton has been in use for nearly fifty years but is now coming to the end of its useful life. Accordingly a search was made for an alternative site and one was found behind West Hill. This is a large area of land well away from residential property and offering tipping space for at least 20—30 years. Negotiations were commenced with the owners of the land and a lease obtained for a period of 15 years.

Tipping did not commence on this site during the year because the tipping area had to be fenced and an approach road constructed to it. These works were in the process of being done at the end of this year.

All refuse is tipped and spread and levelled by a man who is engaged full time at this occupation. All cardboard is separated and bailed, while as much paper as possible is burned on the tip surface.

There have been no complaints of rats or smells on this tip during the year.

DETAILS OF REFUSE COLLECTION.

The district is divided into five areas for refuse collection with a driver and two loaders allocated to each vehicle, a sixth vehicle being held in reserve.

Area.	Streets	Days per Week
GEORGETOWN	Fields Rd., Ashville, Villas, Hill View, Oakfield Rd., Lower and Upper James St., Walter St., Southend, Georgetown Schools, Gladstone Place, Poplar Place, Rhed Villas and Troedrhwiwgwair	5
	Kimberly Tce., Richmond Tce., York Tce., Elmwood, Victoria Tce., Alexander Tce., Edward Tce., Police Station, Prospect Place, Bowens Tce., Park Place, Glyn Tce., Woodfield Rd., Whitworth Tce., St. James Hospital, Rhed Tce., and Arthur St. ...	5
	Bedwellty Pits, Heathfield and Pochin	3
	Contract 'Bus Services	1
	Total number of premises, Georgetown Area	1171

CENTRAL	Duke St., Bridge St., Vale Tce., Pochin Crescent, Brompton Place, Cottage Homes, Market St., Castle St., The Circle, Morgan St., Park Hill, Park Row, Harcourt Tce., Islwyn Tce.	5
	Morgan Street, Inkerman Tce., Parkville, Upper and Lower Salisbury St., Park View, Pencoed, Cefn Rhos, Cwm Rhos, Upper and Lower Coronation Street, Shop Row and Vale View	5
	Cefn Golau, Aberffrwyd.	3
	Total number of premises, Central Area ...	1240

WEST AREA	Queen Sq., Red Lion Sq., Commercial St., Mount St., Picton St., High St., Earl St., Bournville, West Hill, Glandovey Tce., George St., Union St. ...	5
	Tanybank, Griffiths Gardens and Square, North Ave., Bevans Ave., Pembroke St., Brynbach St., Greenwood Ave., Isolation Hosp., The Crescent, Fairview Bung., Maple Ave., Laburnum Ave., Sycamore Ave.	5
	Total number of Premises, West Area ...	1154

SIRHOWY and DUKESTOWN	Alexandra Place, Railway View, Nursery Tce., Charles St., Arnold Place, Dukestown Rd., Butleigh Tce., Scwrf, Dukestown, Twyn Star	5
	Tafarnaubach, Tynewydd, Lwynhelyg, Penybont Station Tce., Pantydwr, Bush Bach, Station Road, White Lion Cottages, Minyrafon, Rear Ashvale, Waundeg	5
	Trefil Quarries, Trefil Village	4
	Awelfa, Duke's Meadow Estate	3
	Coach Bach	2
	Total number of Premises, Sirhowy and Dukestown area	1176

BEAUFORT ROAD AREA	Beaufort Rd., Rhoslan, Brynpicca, Ladies Row, King St., Tredegar Tce., Howy Tce., Harford St., Mafeking Tce., part Kimberley Tce., Pretoria Tce., Ladysmith Tce., Buller Tce., Colenzo Tce., Roberts Tce., Greenfield Tce., Bethel Ave., Post Office, Workman's Hall, George St., Temple St., Church Sq., Polar Pl., St. Georges Place ...	5
	Peacehaven, rear Morgan St., Vaughan's Yard, Carpenters Yard, Four Rows	5
	Lower Mount Pleasant, Penmark	2
	Total Number of Premises, Beaufort Rd. Area	1067

Vehicles :

The present fleet consists of the following vehicles :—

Vehicle	Type	Obtained
Bedford ..	10 Cub. Yd. Side loader ..	October, 1947
Karrier ..	Rear loader ..	January, 1963
Karrier ..	Rear loader ..	April, 1963
Karrier ..	Rear loader ..	March, 1961
Karrier ..	Rear loader ..	August, 1959
Austin ..	Side loader ..	December, 1957
Ford ..	15 cwt. Side loader ..	April, 1961
Bedford ..	Lacre Sweeper Collector ..	March, 1959
Karrier ..	Gully Emptier ..	October, 1951

Six vehicles are on the road daily, one being kept in the yard as a general spare. The small 15 cwt. side loader is used for lanes that are inaccessible to the normal vehicles and to collect all the ashes from St. James's Hospital once weekly.

The garage staff, under Mr. Jack Norris, have the responsibility for the maintenance of all the refuse collecting vehicles and carry out major repairs when required.

Staff—Sickness.

All the Public Cleansing staff become eligible for sickness payment after completing six months service. It means that after six months service, all members of the staff are entitled to six weeks full pay while sick.

This scheme is, of course, a boon to the genuinely ill, but it offers a tremendous temptation to the unscrupulous, particularly on wet, cold mornings. There is absolutely no doubt at all in my mind that this scheme is grossly abused by a section of the cleansing staff.

The record of sickness for the past three years follows, the figures being days lost per month due to sickness only.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Totals
1961 ...	139	140	75	60	46	22	57	62	75	76	90	109	951
1962 ...	146	117	165	83	32	37	59	65	79	122	132	93	1,130
1963 ...	187	260	176	91	119	47	49	61	55	54	58	79	1,236

COST STATEMENT 1963—1964.
REFUSE COLLECTION AND DISPOSAL.

Items	Particulars	Totals		
		£	s.	d.
1	Gross Expenditure :			
	(1) Labour	8,863	0	0
	(2) Transport	6,237	0	0
	(3) Plant Buildings Land			
	(4) Other items	150	0	0
	Total gross expenditure	15,250	0	0
2	Gross Income	186	0	0
3	Net Cost	15,436	0	0

Roads and Highways.

Of the total or approximately 43 miles of roads in the district, 13.240 miles are classified as under :—

(a) TRUNK ROAD A.465 :

Merthyr—Abergavenny Road. From Waenpound to the boundary of Rhymney U.D. at Princetown 2.50 miles

(b) CLASS I ROAD A.4048 :

From Sirhowy Bridge to Pochin (Northern Boundary of Bedwellty U.D.) 4.01 miles

(c) CLASS II ROAD B.4256 :

From Queen Victoria Street to the Rhymney U.D. boundary at Heath Cock 1.39 miles

(d) CLASS III ROADS.

From A.465 near Crown Inn, Nantybwlch to Quarrymen's Arms, Trefil 1.85 miles.

From A.465 near Railway Hotel to Station Road near Crown Inn, Nantybwlch 1.21 miles.

From A.4048 at Morgan Street via Shop Row to Ebbw Vale U.D. Boundary near Mountain Air Gate ... 1.11 miles.

From B.4256 near Cefn Golau Cemetery to U.D. Boundary South of Mountain Ash Inn 1.13 miles.

From A.465 along mountain to Groespenmaen via. Manmoel 2.88 miles.

Street Cleansing.

Sweeping is performed manually and mechanically, the mechanical sweeper sweeping the housing estates and outlying roads.

The mechanical sweeper swept 1,279.4 miles of roads during the year.

COST STATEMENT 1963-64.

Street and Gully Cleansing

Item.	Particulars.	Total		
1	Gross Expenditure :	£	s.	d.
	(1) Labour	3,801	0	0
	(2) Transport	716	0	0
	(3) Plant, Equipment and Buildings	—		
	(4) Other Items	70	0	0
	(5) Gross Expenditure ...	4,587	0	0
2	Gross Income : (Excluding reimbursements)	10	0	0
3	Net Cost	4,597	0	0

Gully Cleansing.

The gully cleanser is used regularly to clean out all the street gullies and during the year 2,658 gullies were cleansed.

Operational Statistics.

Mileage of streets cleansed	...	...	...	...	...	52
Frequency of cleansing :—						
At least once daily	...	...	...	...	...	7%
Three to five times weekly		...	...	...	...	80%
Twice weekly	...	...	...	...	...	2%
Once weekly	...	...	...	...	...	8%
Less than once weekly	...	...	...	...	...	3%

Snow Clearance.

Snow falls were no problem in 1963 as only one small fall was recorded.

Salvage.

Waste paper was collected throughout the year and 15 tons 5 cwts. was baled and despatched, realising £90 18s. 0d.

Manure was collected from the Fatstock Marketing Corporation Slaughterhouse and sold at 10/- a load which realised £15 10s. 0d.

Public Conveniences.

These are situated as follows :—

Male Conveniences :		Waterclosets.	Urinals.
Church Street	...	1	1
Park Row	...	2	1
Vale Terrace	...	Nil.	1
Commercial Street	...	5	1

Female Conveniences :

Commercial Street	...	5
Morgan Street	...	3
Castle Street	...	2
Park Row	...	2

Washing facilities are provided in the female conveniences at Morgan Street and Commercial Street.

As a result of damage to the interiors of all these conveniences, sliding steel gates were provided and fixed to the entrance of the Bush and Church Street Gent's Conveniences. The result has been satisfactory.

The urinal situated in Beaufort Road was taken down. This had outlived its usefulness and was a nuisance to the residents nearby.

Section 3.**Housing.**

Total number of houses inspected for housing defects under Public Health or Housing Acts. 287

Number of inspections made for the purpose. 388

Standard Improvement grants 37

Discretionary Improvement Grants 30

Housing Loans 81

Inspection of Council Houses 509

List of Individual Unfit Houses

Closed, Closed in Lieu of Demolition or Demolished

Up to 31st December, 1963.

<i>Address of Property</i>	<i>Date Order Made</i>	<i>Closed or Demolished</i>
Beaufort Road Clearance Area. (20 houses)	20.5.57 ..	Cleared 1963
Cross Row Clearance Area. (17 houses)	18.2.60 ..	Cleared
Queen Street Clearance Area. Orders 1-4 (7 houses)	9.8.62 ..	Cleared
White House, Pochin ..	17.12.63 ..	Demolition Order
Ty Coed Bungalow ..	10.9.63 ..	Cleared
30 Scwrf Road ..	17.12.63 ..	Closed
24 Bridge Street ..	21.9.62 ..	Demolition Order

Houses in Clearance Areas and Unfit Houses Elsewhere.

A.—HOUSES DEMOLISHED :

<i>In Clearance Areas :</i> (Housing Act, 1957).	<i>Houses de- molished</i>	<i>Displaced during year</i>	
		<i>Persons</i>	<i>Families</i>
(1) Houses unfit for human habitation	44	33	11
(2) Houses included by bad arrangement, etc. ...	—	—	—
(3) Houses on land acquired under Sec. 43 (2) Housing Act, 1957	—	—	—
<i>Not in Clearance Areas :</i>			
(4) As a result of formal or informal action under Sec. 17 Housing Act, 1957 ...	4	9	3
B.—UNFIT HOUSES CLOSED :			
(5) Under Sec. 16(4), 17(1), 35(1), Housing Act, 1957	—	—	—
(6) Housing Act, 1957 sec. 17(3), 26.	—	—	—
(7) Parts of buildings closed under Sec. 18 Housing Act, 1957	—	—	—

C. UNFIT HOUSES MADE FIT AND HOUSES IN WHICH DEFECTS WERE REMEDIED

	<i>By Owner</i>	<i>By Local Authority</i>
(8) After informal action by local authority ...	17	—
(9) After formal notice : Public Health Acts Housing Act 1957	5	—
(10) Under Sec. 24 Housing Act, 1957	—	—

Housing Progress.

Total number of dwelling houses in the district 5,737
 Number of dwelling houses owned and controlled by the Local
 Authority :—

Pre War Houses	..	..	..	..	..	..	487
Post War Houses	..	..	..	..	..	..	980
Flats	..	..	..	..	..	..	100
Bungalows	..	..	..	..	..	..	56
							<hr/> 1,623 <hr/>

Total number of applicants for Council Houses and Old Age Pensioner's Bungalows at 31st December, 1963 386

Houses Erected during the Year.

By Council	..	..	..	..	..	..	..	Nil.
By Private Enterprise	..	..	..	..	..	..	..	28

Housing Repairs and Rents Act, 1954, Sec. 4. (Certificate of Disrepair).

No applications were received and none granted during the year.

Housing (Financial Provisions) Act, 1958. Sec. 43. Loans for House Purchase.

During the year, 61 applications for loans were agreed.

House Purchase and Housing Act, 1959, Sec. 4. Standard Grants.

16 applications were approved for Standard Grants, amounting to £1,897.

Housing (Financial Provisions) Act, 1958. Discretionary Grants.

9 applications were approved for Discretionary Grants, amounting to £3,148.

Slum Clearance Report.

Work commenced on a survey of the town in connection with a much needed up to date report on unfit and substandard houses. This report will be available towards the end of 1964.

Food Hygiene Regulations, 1955

25

Defects Remedied.	Restaurants Kitchens and School Canteens	Bakers and Food Prep'rs.	Grocers and Greengrocers	Wet & Fried Fish Shops	Butchers	Licensed Premises
Drainage	1	1		2	1	1
Hot Water Supply ...			3			
Clothing Accommodation ...					1	
First Aid Materials ...						
Cleanliness and Repair... and Decoration	1	2			3	1
Defective Sanitary Accommodation		2			—	
Provision of Refrigerators					1	
Defective Water Service						
TOTAL	2	5	3	2	6	2

Food Poisoning.

Three cases of food poisoning were notified by local Doctors. Specimens were taken from each patient and all were found to be infected with *Shigella Sonnei*.

Food and Drugs Sampling.

The Food and Drugs Authority is the County Council and during the year, 73 samples were taken in the Tredegar area for examination by the Public Analyst.

These were :—

Milk	..	..	..	36
Other Foods	..	..	..	33
Ice-cream	..	..	..	1
Beer	..	..	..	3

Of the 73 samples taken, one was found to be unsatisfactory. This was a Jubby Orange Drink that was adulterated by the fermentation of sugar. Further samples proved to be satisfactory.

Meat Inspection.

The Tredegar Slaughterhouse which had been leased to the Fatstock Marketing Association closed down for the slaughter of food animals on the 1st July, 1963.

This is one of the oldest buildings in Tredegar and during its history, many hundreds of thousands of food animals have been killed and dressed. It was closed because it would have been impossible to have brought it up to the standard required by the Construction Regulations.

The Highfield Slaughterhouse, operated by Mr. C. Rogers, was brought up to the standard demanded by the regulations and presents a satisfactory appearance.

Meat Inspection Regulations, 1963.

These regulations came into effect on the 1st October, 1963 and makes it a duty on Local Authorities to inspect meat killed within the district. Further, all meat has to be marked indicating the name of the Local Authority and of the Inspector.

This throws a tremendous burden on the Department, as the regulations now require the attendance of the meat inspector while killing and dressing is going on.

Authorities with small staffs find it difficult to meet this obligation without some compromise. Even then it involves long hours of overtime on the week-ends, weekdays, evenings, and Bank holidays.

The impression one gets is that anybody can be inconvenienced and put about except the meat trade.

MEAT AND OTHER FOOD INSPECTION.

	<i>Cattle excluding Cows</i>	<i>Cows</i>	<i>Calves</i>	<i>Sheep and Lambs</i>	<i>Pigs</i>	<i>Horses</i>
Number Killed ...	824	12	116	3943	1853	Nil.
Number Inspected	824	12	116	3943	1853	Nil.
<u>All Diseases</u> <u>Except Tuberculosis</u> <u>and Cysticerci :</u>						
Whole carcasses condemned ...	2	Nil.	Nil.	5	Nil.	Nil.
Carcasses of which some part or organ was condemned ...	115	4	Nil.	38	35	Nil.
Percentage of the number inspected affected with disease other than tuber- culosis and cysticerci	14.2	33.3	Nil.	1.1	1.8	Nil.
<u>Tuberculosis Only :</u>						
Whole carcasses condemned ...	—	—	—	—	—	—
Carcasses of which some part or organ was condemned ...	—	—	—	—	18	—
Percentage of the number inspected affected with tuber- culosis. ...	—	—	—	—	0.97	—
<u>Cysticercosis :</u>						
Carcasses of which some part or organ was condemned ...	1	—	—	—	—	—
Carcasses submitted to treatment by refrigeration ...	1	—	—	—	—	—
Generalised and totally condemned	Nil	Nil.	Nil.	Nil.	Nil.	Nil.

CONDEMNATION OF UNSOUND FOOD.

						Tons	Cwts.	Qrs.	Lbs.
<i>TUBERCULOSIS :</i>									
Whole carcasses condemned	..	..				—	—	—	—
Meat	..	..	..	..	..	—	1	1	2
Offal	..	..	..	..	..	—	—	—	—
Total	..	..	..			—	1	1	2
<i>NON-TUBERCULOSIS :</i>									
Whole carcasses condemned	..	..				—	11	2	10
Meat	..	..	..	..	..	—	—	3	15
Offal	..	..	..	..	..	—	14	1	5
Total	..	..	..			1	6	3	2
Total amount—Tuberculosis and Non-Tuberculosis	..	..	..	..	..	1	8	0	4
<i>OTHER FOODS :</i>									
Beef	..	..	..	..	..	—	1	2	18
Pork	..	..	..	..	..	—	—	1	25
Bacon	..	..	..	..	..	—	—	1	18
Liver	..	..	..	..	..	—	—	—	14
Lamb	..	..	..	..	..	—	—	—	14
Cheese	..	..	..	..	..	—	—	—	2
Total	..	..	..			—	2	3	7

1,426 tins and assorted packets of foodstuffs.

INSPECTION AND SUPERVISION OF FOOD. MILK SUPPLY.

Milk Samples.

<i>Designation</i>	<i>Satisfactory</i>	<i>Unsatisfactory</i>	<i>Total.</i>
Tuberculin Tested Pasteurised...	14	1	15
Pasteurised	29	2	31
Sterilised	19	Nil	19
Homogenised	3	Nil.	3
	65	3	68

Milk (Special Designation) (Specified Areas) (No. 3) Order, 1953.

From the 1st January, 1954, all milk sold in Tredegar must be one carrying a special designation (i.e. Pasteurised, Tuberculin Tested, T.T. Pasteurised or Sterilised). This means that it is an offence to sell loose milk in Tredegar.

There are no milk producers in Tredegar, milk being delivered to the district in crated bottles by milk producers situated outside the district.

Registration of Ice-Cream Premises.

Heat Treatment Regulations

Manufacturers (Cold Mix)	4
Retailers	86

The bulk of the ice-cream consumed in the area is prepacked and supplied by the larger distributor manufacturers.

Section 5.

SHOPS ACT, 1950.

TREDEGAR (EARLY CLOSING) ORDER, 1925.

Number of Shops Visited	44
Number of Defects Remedied	1 (Inadequate Temperature).

There were no prosecutions under the above enactments during the year. A number of breaches were investigated but these were satisfactorily dealt with by verbal and written warnings.

Offensive Trades.**Sec. 107, Public Health Act, 1936.**

There are no offensive trades being carried on in the district.

Heating Appliances (Fireguards) Act, 1952.

All heating appliances now being made and sold by retail are made to conform to the above Act. Visits are made from time to time to retailers of heating appliances, but no breaches of the Act or Regulations have been noted.

Old Metal Dealers.**Public Health (Amendments) Act, 1907, Section 86.**

The number of dealers on the Register is 2.

Public Offices.

Bedwellty House and Park Chambers are the offices of the Council. Park Chambers houses the Surveyor's Department and the Department of the Water Manager, the latter having this year been extended and enlarged.

The responsibility for these is the concern of this Department, the Caretaker being responsible to me. The Housing Manager carries out all the necessary repairs and decorations.

Factories Act, 1937-1959.**Section 110-111.****Outworkers.**

No outworkers are registered with the Local Authority and no outworkers are employed by any factory in the district.

TYPES OF FACTORIES IN THE AREA.

<i>Classification of Trades</i>				<i>Mech. Power</i>	<i>Non-Mech. Power</i>	<i>Total</i>
Abrasives	...	...	...	1	—	1
Bakers	...	...	...	5	—	5
Brickyards	...	...	...	1	—	1
Builders Contractors	...	...	...	7	—	7
Clothing Manufacturers	...	...	...	1	—	1
Crown Corks	...	...	...	1	—	1
Gas Storage	..	..	..	1	—	1
Joinery	..	..	..	3	—	3
Motor Spares—Firestone	...	...	...	1	—	1
Printers	...	...	...	1	—	1
Radio & Television Engr.	...	...	...	5	—	5
Steel Processing	...	...	...	1	—	1
N.C.B. Engineering Shop,	...	...	...	1	—	1
Motor Vehicle Repairs	..	..	..	6	—	6
Ore Crushing	..	..	..	1	—	1
Slaughterhouses	..	..	..	2	—	2
Nuts & Bolts	...	...	...	1	—	1
Totals	...	...	...	39	—	39

INSPECTION OF FACTORIES.

Number of Factories on Register ... 39.

No. of Inspections ... 20

Defects found in Factories.

<i>Particulars</i>	<i>Found</i>	<i>Remedied.</i>	<i>Referred to H.M. Inspector.</i>	<i>Number of Prosecutions Instituted.</i>
Nuisances under Public Health Act.	—	—	—	—
Drainage	—	—	—	—
Dirty Conditions	2	2	—	—
Total ...	2	2	—	—
Factories Act Sanitary Accommodation Unsuitable or Defective ...	2	2	—	—
Not Separate for Sexes ...	—	—	—	—
Total ...	2	2	—	—

PET ANIMALS ACT, 1951.

No premises in Tredegar is registered under this Act.

PLACES OF PUBLIC ENTERTAINMENT.**Public Health Act, 1936. Section 59.**

The two cinemas in the town are provided with satisfactory means of egress and ingress.

Section 6.

RODENT CONTROL

Test Baiting of Sewers.

<i>Manholes baited</i>	<i>Complete takes</i>	<i>Part takes</i>	<i>No takes</i>
852	23	50	779

The sewer system was treated twice during the year and the results of both treatments indicated that infestation was slight. Warfarin is used exclusively in all rodent treatment and no stocks of any other poison are held.

Prevention of Damage by Pests Act, 1949.

Year ending 31st December, 1963.

	(1) <i>Local Authority</i>	(2) <i>Dwelling Houses</i>	(3) <i>All other including business premises</i>	<i>Agri- cultural</i>	<i>Total Cols. 1, 2 & 3</i>
Total number of properties in Local Authority's Dist.	28	5,737	960	14	6,725
No. of properties inspected as a result of :					
(a) By notification	5	98	15	14	118
(b) Survey under Act	—	—	11	—	11
(c) Otherwise ...	—	—	—	—	—
No. of properties Inspected which were found to be infested :					
(a) Rats : Major	—	—	—	—	—
Minor	5	78	7	—	90
(b) Mice : Major	—	—	—	—	—
Minor	—	20	8	—	28
No. treated by L.A.	5	98	15	—	118

Rodent Visits.

<i>Public Health Inspectors</i>	<i>Rodent Operator</i>	<i>Total</i>
23	424	447

Disinfestation.

Two houses were treated for bed bugs. Both were clean, respectable people and it seems that the infestation was accidental and cannot otherwise be accounted for.

MORTUARY.

All mortuary cases are now sent to the mortuary at St. James' Hospital. The mortuary at Stable Lane is in poor condition and has fallen into decay. Its future is to be discussed sometime in 1964.

Section 7.**ABATEMENT OF NUISANCES.****Section 93, Public Health Act, 1936.**

Preliminary Notices Served	...	...	...	35
Preliminary Notices Abated	...	...	...	23
Statutory Notices Served	...	...	...	17
Statutory Notices Abated	...	...	...	14

TABLE I.

Sanitary Inspections of the Area.

<i>Nature of Visits.</i>	<i>Visits.</i>
Accumulations	63
Animals	54
Bakehouses	4
Dangerous Buildings	5
Problem Families	16
Drainage	191
Factories	20
General Defects	131
Council Housing Investigations	45
Interviews	42
Miscellaneous Sanitary Visits	43
Public Conveniences	173
Rats and Mice	23
Refuse Collection	80
Refuse Disposal	283
Scrap Metal Dealers	8
Sanitary Accommodation	45
Shops Act, 1950	44
Street Cleansing	672
Theatres and Places of Entertainment	2
Water Supply	31
Housing Act, 1958, Section 43 (Loans)	199
Licensed Premises	16
Improvement Grants (Discretionary and Standard)	78
Tents, vans, sheds	3

Dead Animals.

Over the twelve months 87 dead sheep were picked up off the roads and disposed of. Seven dogs were similarly dealt with.

TABLE II.

General House Defects.

<i>Defects and Nuisances.</i>						<i>Remedied.</i>
Defective Chimneys .. .. .	..	..	..	..	..	8
Defective Roofs .. .. .	..	..	..	..	..	23
Defective Spouting .. .. .	..	..	..	..	..	27
Defective doors and furnishings	..	..	..	..	..	10
Defective ceiling plaster .. .. .	..	..	..	..	..	14
Defective wall plaster .. .. .	..	..	..	..	..	35
Defective firegrates and ovens	..	..	..	..	..	19
Defective Yards .. .. .	..	..	..	..	..	10
Dilapidated window frames	..	..	..	..	..	41
Defective floors .. .. .	..	..	..	..	..	56
Rain water pipes .. .. .	..	..	..	..	..	6
Main walls .. .. .	..	..	..	..	..	13
Defective staircases .. .. .	..	..	..	..	..	6
Obstructed light and ventilation	..	..	..	..	..	3
Inadequate food storage .. .. .	..	..	..	..	..	3
Provision of artificial lighting .. .. .	..	..	..	..	..	12
Defective Boundary Walls .. .. .	..	..	..	..	..	11
Dilapidated Fuel Storage .. .. .	..	..	..	..	..	4
Total						301

TABLE III.

Drainage and Sanitary Accommodation.

<i>Defects and Nuisances.</i>					<i>Remedied.</i>
Defective or insufficient drainage ... .. .	...	...	...	...	191
Defective flushing cisterns ... .. .	...	...	...	...	9
Broken pans and joints ... .. .	...	...	...	...	7
Dilapidated water closet compartments	...	...	...	...	9
New water closet compartments constructed	...	...	...	...	1
Defective water service ... .. .	...	...	...	...	5
New Sinks ... .. .	...	...	...	...	5
					227

TABLE IV.

General Nuisances.

<i>Defects and nuisances :</i>						<i>Remedied.</i>
Accumulations ... .. .	...	...	...	...	...	63
Keeping of Animals ... .. .	...	...	...	...	...	54
						117

Clean Air Act, 1956.

No action was taken under this Act and no smoke control areas established.

Throughout the year, daily air samples have been taken to assess the amount of solid matter contained therein. These values are obtained as follows :

A metered quantity of air is pumped through a glass filter paper—usually 65 to 70 cubic feet in 24 hours. The Filter paper, when removed from the pump, shows a round dark stain. This is then examined by a reflectometer and a value representing the amount of solid particles per cubic meter of air, obtained.

Air Pollution, 1963.

<i>Month</i>	<i>Average daily amount of solids</i>	<i>Highest daily amount of solids</i>
January	110.4	239
February	96.6	202
March	45.7	159
April	40.4	111
May	16.9	42
June	20.5	58
July	19.8	49
August	17.1	56
September	49.3	154
October	29.7	87
November	45.0	147
December	85.3	230
Totals	576.7	1,534
Means	49.7	127.8

The main source of air pollution in Tredegar is the domestic chimney with its associated open fire. The coal used in this area is rather low in volatiles and smokes on ignition. Once alight it burns without undue smoke emission.

Industry adds little to the dirt in the atmosphere. There are only two stacks that tend to be dirty in the district, that of the N.C.B. Brickworks and that of Pochin Colliery. The former is the responsibility of the H.M. Alkali Inspectorate, while the latter is part of a colliery that has a very short future life.

Our relations with H.M. Alkali Inspectorate have been, as usual, of the happiest.

<i>Address</i>	<i>Type of Boiler</i>	<i>Fuel</i>	<i>Working Pressure</i>
N.C.B. Works ..	Shell type boiler with chain grate stoker and grit extractor. Automatic control and full instrumentation.	Duff	100 lbs. per sq. inch
St. James' Hospital ..	2 economic boilers coking stoker with reciprocating grate. Induced draught, grit extractor. CO ₂ recorder	P.Coal	100 lbs. per sq. inch
Messrs. Harvey & Co. Ltd., Ashvale ..	1 vertical boiler with underfeed stoker. Forced draught. Two Robin Hood sectional boilers.	P.Coal Coke	65 lbs. per sq. inch
Pochin Colliery ..	5 Lancashire boilers. Economisers. Hand fired. Induced draught.	Duff	140 lbs. per sq. inch. Water pre-heated.
General Hospital ..	Robin Hood sectional boiler. Hand fired. No instrumentation. Robin Hood sectional boiler Mechanical stoker. No instrumentation. Vertical steel boiler. Hand fired. Draught from stack. No instrumentation.	Grain L.V. Cobs. L.V. Cobs.	Hot Water Boilers. 40 lbs. Steam.
Minnesota Mining Co.	Sectional boiler, fired by hand. ..	Coke	
N.C.B. Brickworks ..	2 Kilns heated by coal and induced draught. ..	Coal	

County Radio Activity Monitoring Scheme.

The above scheme requires fourteen estimations every four weeks. A measured volume of air is passed through a glass filter paper over a period of 24 hours. The filter paper is then examined by the Public Analyst, Dr. G. V. James of Dock Street, Newport. The results are given as so many counts per second.

The results for Tredegar are as follows and are regarded as satisfactory.

Weekly Average Readings.

(Counts per minute per day) corrected to 60 cubic feet of air.

1963.

Week No.	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
1 ..	0.8	0.6	0.6	0.5
2 ..	1.6	1.2	0.3	0.5
3 ..	1.7	0.8	0.7	0.4
4 ..	1.0	0.2	0.8	0.1
5 ..	1.0	0.4	2.1	0.4
6 ..	0.9	0.9	1.2	1.2
7 ..	0.8	0.5	1.3	1.4
8 ..	0.5	—	0.5	2.1
9 ..	2.1	—	1.1	1.4
10 ..	1.4	—	0.5	1.5
11 ..	1.0	2.0	0.7	1.3
12 ..	1.5	0.3	0.3	0.6
13 ..	0.7	1.0	0.4	0.8

I remain,

Yours obediently,

D. GRIFFITHS,
Senior Public Health Inspector.

